

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	vibration-time setting unit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/01/17 13:30
L2	0	vibration-time (set or set\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/01/17 13:30
L3	0	vibration-time with (set or set\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/01/17 13:30
L4	5	vibration\$3time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/01/17 13:32
L5	2	(predetermined near5 time) with (first near photograph\$3 near operat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/01/17 13:42
L6	29	prohibits near5 vibrat\$3 near5 operat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/01/17 13:36
L7	0	(predetermined near5 time) with (first near photograph\$3 near operat\$3) and vibrat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/01/17 13:42
L8	899	348/335.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 13:42

## EAST Search History

L9	899	L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/01/17 13:45
L10	1	8 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/01/17 13:45
S1	7	"771705".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:20
S2	48	348/355.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:21
S3	870	348/335.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:21
S4	85	348/351.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:21
S5	32	348/351.ccls. and (vibrat\$3 or excit\$5 or oscillat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:34
S6	23756904	@ad<"20030207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:23

## EAST Search History

S7	30	S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:25
S8	1177	continuous with (first with longer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:27
S9	0	S3 and S4 and S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:28
S10	0	S3 and S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:28
S11	0	S3 and S6 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:29
S12	0	S4 and S6 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:29
S13	15	"348"/\$.ccls. and S6 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:30
S14	0	(vibrat\$3 or excit\$5 or oscillat\$3) with (each near time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:36

## EAST Search History

S15	0	(vibrat\$3 or excit\$5 or oscillat\$3) with (each near (exposure or shot or shooting or time or photo or photograph\$3 or picture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:37
S16	2	(vibrat\$3 or excit\$5 or oscillat\$3) with (each near5 (exposure or shot or shooting or time or photo or photograph\$3 or picture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:38
S17	6	(vibrat\$3 or excit\$5 or oscillat\$3) with (each with (exposure or shot or shooting or time or photo or photograph\$3 or picture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:40
S18	4874	(vibrat\$3 or excit\$5 or oscillat\$3) with ((every or each) with (exposure or shot or shooting or time or photo or photograph\$3 or picture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:40
S19	2173	(vibrat\$3 or excit\$5 or oscillat\$3) with ((every or each) near (exposure or shot or shooting or time or photo or photograph\$3 or picture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:41
S20	0	S3 and S6 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:41
S21	45	"348"/\$.ccls. and S6 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 08:43
S22	15	"359"/\$.ccls. and S6 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 09:14

## EAST Search History

S23	24	"396"/\$.ccls. and S6 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 09:06
S24	1	"5978599".pn. and (photograp\$3 with vibrat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 09:25
S25	1	"5237357".pn. and (photograp\$3 with vibrat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 13:29
S26	0	"5237357".pn. and (resolution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 09:26
S27	363861	((vibrat\$3 or excit\$5 or oscillat\$3)) with (set or setting or adjust\$3 or slect\$3 or chang\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 10:39
S28	35	348/335.ccls. and (((vibrat\$3 or excit\$5 or oscillat\$3)) with (set or setting or adjust\$3 or slect\$3 or chang\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 15:15
S29	21	348/351.ccls. and (((vibrat\$3 or excit\$5 or oscillat\$3)) with (set or setting or adjust\$3 or slect\$3 or chang\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 10:40
S30	23756904	@ad<"20030207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 10:40

## EAST Search History

S31	20	S28 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 10:47
S32	20	S29 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 11:03
S33	1	"5036399".pn. and (vibrat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 11:05
S34	0	"5036399".pn. and (mode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 11:05
S35	5509	"359"/\$.ccls. and (((vibrat\$3 or excit\$5 or oscillat\$3)) with (set or setting or adjust\$3 or slect\$3 or chang\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 16:07
S36	23761574	@ad<"20030207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 15:17
S37	2414	"359"/\$.ccls. and (((vibrat\$3 or excit\$5 or oscillat\$3)) near3 (set or setting or adjust\$3 or slect\$3 or chang\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 15:18
S38	691	"359"/\$.ccls. and (((vibrat\$3 or excit\$5 or oscillat\$3)) with time with (set or setting or adjust\$3 or slect\$3 or chang\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 16:07

## EAST Search History

S39	440	S36 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 15:20
S40	404	((vibrat\$3 or excit\$5 or oscillat\$3) near lens) with (set or setting or adjust\$3 or slect\$3 or chang\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 16:09
S41	294	S36 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/14 07:43
S42	23761574	@ad<"20030207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/14 07:43
S43	404	((vibrat\$3 or excit\$5 or oscillat\$3) near lens) with (set or setting or adjust\$3 or slect\$3 or chang\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/14 08:17
S44	2	S42 and S43 and (remov\$3 with (particle or dust))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/14 07:47
S45	7	S42 and S43 and (dust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/14 07:45
S46	1390	(optics or lens) with remov\$3 with (particle or dust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/14 07:48

## EAST Search History

S47	0	"5036399".pn. and dust	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/14 08:22
S48	897	348/335.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/07 14:19
S49	864	ito-junichi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/07 14:20
S50	4	S48 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/07 14:20